

Claims

1. Traction mechanism drive comprising an integrated generator with a traction mechanism roller, which is arranged on a generator shaft, on which a traction mechanism is guided, the generator is mounted in a displaceable manner in order to set the traction mechanism in tension counter to a restoring force, the traction mechanism roller is de-couplable from a generator shaft of the generator via a freewheel for damping peak loads appearing on a drive side.
2. Traction mechanism drive according to claim 1, wherein the generator is a starter generator.
3. Traction mechanism drive according to claim 1, wherein the generator is mounted in a displaceable manner by a hydraulic element.
4. Traction mechanism drive according to claim 1, wherein the generator is set in tension or compression by a mechanical spring element.
5. Traction mechanism according to claim 4, further comprising a damping device that acts in conjunction with the spring element.
6. Traction mechanism drive according to claim 1, wherein the tractor mechanism is a belt.